

CIVIL PRIME CONSULTANTS & ENGINEERS

(Project Management Services)

An ISO 9001-2015 Certified Company
Ph.No: 9535393237 / GST IN:29ALSPU0596Q1ZO



Job No.: CACE/BBMP/KV/W.No.02/2021-22

Date: 18.04.2022

PRECAST SLAB 230mm Thick(CORE) TEST REPORT

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Contractor : Sri. K Venkataraju, Contractor, Bangalore.
Name of Work : Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout, KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02),BBMP, Bangalore.
No.of Sample Tested : 03
Date of Testing : 18.04.2022
Technical Reference : IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete : M₂₀

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm ²)	Equivalent Cube Compressive Strength (N/mm ²)
1	90.00	113.00	1.696	2359.24	1.26	0.920	112.80	17.73	19.15	17.61	22.01
2	90.00	115.00	1.735	2371.52	1.28	0.922	115.30	18.12	19.57	18.05	22.56
3	90.00	117.00	1.778	2388.75	1.30	0.924	113.60	17.86	19.29	17.83	22.28

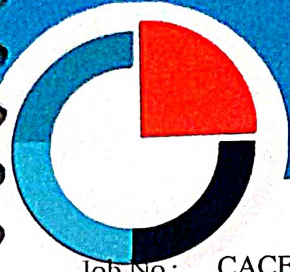
Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples collected at the site.
3. Any Query regarding the report must be reported reported within 30 days from the date of testing.

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Job No.: CACE/BBMP/KV/W.No.02/2021-22

Date: 18.04.2022

TEST REPORT ON CONCRETE CUBES

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Agency : Sri. K Venkataraju, Contractor, Bangalore.

Name of the work : Restoration and Improvements of Balance main and cross roads of Nagenahalli, Harohalli, Kenchenahalli villages, Srinidhi layout, ISRO layout, KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02), BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₁₅

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	11.04.2022	18.04.2022	8.135	265.3	11.79
2	11.04.2022	18.04.2022	8.128	284.5	12.64
3	11.04.2022	18.04.2022	8.149	276.3	12.28

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Job No.: CACE/BBMP/KV/W.No.02/2021-22

Date: 28.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Agency : Sri. K Venkataraju, Contractor, Bangalore.

Name of the work : Restoration and Improvements of Balance main and cross roads of Nagenahalli, Harohalli, Kenchenahalli villages, Srinidhi layout, ISRO layout, KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02), BBMP, Bangalore.

Sample ID : Cement Concrete For Drain Raft

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	31.03.2022	28.04.2022	8.198	502.2	22.32
2	31.03.2022	28.04.2022	8.165	480.6	21.36
3	31.03.2022	28.04.2022	8.146	488.9	21.73

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Date: 01.04.2022

Job No.: CACE/BBMP/KV/W.No.02/2021-22

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Agency : Sri. K Venkataraju, Contractor, Bangalore.

Name of the work : Restoration and Improvements of Balance main and cross roads of Nagenahalli, Harohalli, Kenchenahalli villages, Srinidhi layout, ISRO layout, KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02), BBMP, Bangalore.

Sample ID : Cement Concrete For Drain Wall

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	25.03.2022	01.04.2022	8.169	335.2	14.90
2	25.03.2022	01.04.2022	8.184	346.5	15.40
3	25.03.2022	01.04.2022	8.146	352.8	15.68

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Job No.: CACE/BBMP/KV/W.No.02/2021-22

Date : 07.05.2022

ATTERBERG LIMITS TEST FOR WMM

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Agency : Sri. K Venkataraju, Contractor, Bangalore.
Name of Work : Restoration and Improvements of Balance main and cross roads of Nagenahalli , Harohalli , Kenchenahalli villages, Srinidhi layout, ISRO layout, KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02), BBMP, Bangalore.
IS Code: : IS 2720(Part 5):1985
Date of Testing : 05.05.2022 to 07.05.2022
Material Type : Wet Mix Macadam

Sl. No.	Particulars	Test Results	Requirement as per MORTH 5th edition Cl.406.2.1.2
1	Liquid Limit	22.00	-
2	Plasticity Index, %	Non Plastic	6.0% Maximum.

Note:

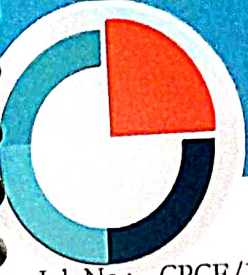
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Job No.: CPCE/BBMP/KV/W.No.02/2021-22

Date: 25.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Agency : Sri. K Venkataraju, Contractor, Bangalore.

Name of the work : Restoration and Improvements of Balance main and cross roads of Nagenahalli, Harohalli, Kenchenahalli villages, Srinidhi layout, ISRO layout, KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02), BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₃₀

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	27.04.2022	25.05.2022	8.165	700.9	31.15
2	27.04.2022	25.05.2022	8.138	716.5	31.84
3	27.04.2022	25.05.2022	8.146	728.1	32.36

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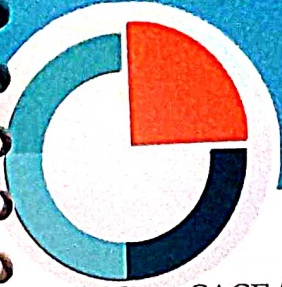
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Job No.: CACE/BBMP/KV/W.No.02/2021-22

Date: 24.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Agency : Sri. K Venkataraju, Contractor, Bangalore.

Name of the work : Restoration and Improvements of Balance main and cross roads of Nagenahalli, Harohalli, Kenchenahalli villages, Srinidhi layout, ISRO layout, KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02), BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₃₀

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	26.04.2022	24.05.2022	8.136	718.2	31.92
2	26.04.2022	24.05.2022	8.168	726.3	32.28
3	26.04.2022	24.05.2022	8.181	708.9	31.51

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Job No.: CPCE/BBMP/KV/W.No.02/2021-22

Date: 23.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Agency : Sri. K Venkataraju, Contractor, Bangalore.

Name of the work : Restoration and Improvements of Balance main and cross roads of Nagenahalli, Harohalli, Kenchenahalli villages, Srinidhi layout, ISRO layout, KEB layout and surrounding areas in ward no -02. of yelahanka Sub division (PACKAGE NO-02), BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₃₀

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	25.04.2022	23.05.2022	8.165	708.2	31.48
2	25.04.2022	23.05.2022	8.188	716.3	31.84
3	25.04.2022	23.05.2022	8.192	735.6	32.69

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